

BDCP Review of Wetland Mapping
August 13, 2013
DES Library, 3500 Industrial Blvd., West Sacramento

Mapping methodology

- Aerial photo interpretation using photos from recent years with different water year types
- LiDAR for information on topographic position
- Mapping protocols and QA/QC worked out with GIS specialists from SFEI
- Used Google Earth for additional aerial photos, vegetation maps

Field verification

- Wetland delineations were conducted in Spring/Summer of 2013
- 40 delineation points were assessed on parcels accessible to DWR
- Wetland map was modified slightly

Comparison with Delta Wetlands Delineation

- Delta Wetlands mapped more areas, though DWR mapped some areas that Delta Wetlands did not map
- Most differences occurred in "Agricultural wetlands"
- DWR's protocols based on "persistent features" seen in 2 or more years, where farming did not occur (bare ground or wetland veg and no plow lines)
- DWR mapped all ditches as potentially jurisdictional
- ACOE mapped wetlands apparent 2 weeks after pumping stopped

Next Steps